

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. (Optional) DIVER1220-2	Serial No.: 09/214,645
	Applicant(s): Jay M. Short	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: 9/27/1999	Group Art Unit: 1655 1634



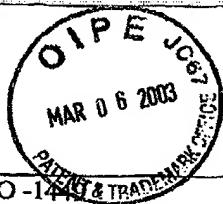
U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Bdf	AA	6,323,030 B1	11/27/2001	Stemmer, W.	435	6	01/29/1999

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EXAMINER <i>B. R. Larson</i>	DATE CONSIDERED 7-13-03
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO -1449 INFORMATION DISCLOSURE IN AN APPLICATION BY APPLICANT (Use several sheets if necessary)				Docket Number		Application Number		
				DIV-1220-2		09/214,645		
				Applicant		Examiner		
				Jay M. Short		B.L. Sisson		
				Filing Date		Group Art Unit		
				September 27, 1999		1634		
Sheet	1	of	1					

U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
B.L.	4,683,202	July 28, 1987	Kary B. Mullis	435	91	

Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
B.L.	2 641 793	July 20, 1990	FRANCE				
	WO 90/07575	July 12, 1990	WIPO			Abstract	
	WO 97/07205	Feb. 27, 1997	WIPO				
	WO 97/20078	June 5, 1997	WIPO				
	WO 95/22625	Aug. 24, 1995	WIPO				
B.L.	EP 0 876 509	Sept. 19, 2001	EUROPE				

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

A B.L.	Jirholt P. et al., "Exploiting sequence space: shuffling in vivo formed complementarity determining regions into a master framework", GENE, 215:471-476, (1998).
B	Pompon D. and Nicolas A., "Protein engineering by cDNA recombination in yeasts: shuffling of mammalian cytochrome P-450 functions", GENE, 83:15-24, (1989).
C	Lewin, Benjamin, "DNA is the Genetic Material", GENES IV, 4:69-72 (Chapter 4); 458-460 (Chapter 23), (1990).
D	Marton, Attila et al., "DNA Nicking Favors PCR Recombination", Nucleic Acids Research, 19(9):2423-2426, (1991).
E	Paabo, Svante et al., "DNA Damage Promotes Jumping between Templates during Enzymatic Amplification", The Journal of Biological Chemistry, 265(8):4718:4721, (1990).
F	Saiki, Randall K. et al., "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase", Science, 239:487-490, (1988).
G	Stemmer, Willem P.C., "Searching Sequence Space (Using Recombination to Search More Efficiently and Thoroughly Instead of Making Bigger Combinatorial Libraries)", Biotechnology, 13:549-553, (1995).
H	Suzuki, David T. et al., "An Introduction to Genetic Analysis", 4:416-419 (Chapter 15); 482-490 (Chapter 17); and 511-512 (Chapter 18), W.H. Freeman and Co., Fourth Ed., (1989).
I B.L.	Sambrook et al., "In Vitro Amplification of DNA by the Polymerase Chain Reaction", (Section 14), In: Molecular Cloning Handbook, pp. 14.2-14.19, (1989).

EXAMINER B. L. Sisson	DATE CONSIDERED 7-13-03
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